



## II. SAFETY CABINETS FOR FLAMMABLE AND EXPLOSIVE PRODUCTS

### GENERAL

For obvious safety reasons (fire, explosion, corrosion, poisoning, etc.), all dangerous products must be handled and stored with the greatest care.

This catalogue will offer you solutions for the storage of your flammable products according to your safety requirements. Whatever your field of activity (workshop, laboratory, storage warehouse, production unit, company department, etc.), whether you store low flammability or high flammability products, you must store them safely. Do not hesitate to call us for a quick and personalized advice.

#### What is a fire cabinet?

Fireproof cabinets protect flammable products - and therefore people and property - from the risk of fire or an abnormally high heat source. Protection against flames is ensured by the containment of the cabinet, thanks in particular to the automatic closing of the doors on many models, the presence of thermo-expanding seals and the presence of fire dampers at the ventilation inlet and outlet (standard EN14470-1). Some models are equipped with an automatic internal extinguishing device to extinguish or prevent the outbreak of a fire inside the enclosure itself.

### STANDARDIZATION



#### CNPP FSE 98-006 SPECIFICATIONS:

The automatic extinguishing system must meet precise specifications for speed and efficiency.



#### FM 6050 ( FACTORY MUTUAL):

International insurance and accreditation body for fire protection equipment (through UL) and advice to companies. FM 6050 approval results in a 10 minutes fire resistance for safety cabinets according to the NFPA 251-1969 temperature curve.



#### NF EN ISO 1182:

The thermal insulation in the cabinet walls is non-flammable.

### CHOOSE YOUR CABINET ACCORDING TO YOUR SECTOR OF ACTIVITY AND THE LEVEL OF FLAMMABILITY OF YOUR PRODUCTS:

FP (Flash point) <sup>(1)</sup>	Level of flammability	Examples of products	Recommended safety cabinets	
			In industry <sup>(2)</sup>	In laboratories
higher 55°C	little FLAMMABLE	Domestic fuel, diesel	Range 3030, 7030, 1, 2	Range 3030, 7030
Between 21°C and 55°C	FLAMMABLE	Turpentine, white spirit	Range 3030, 7030, 1, 2, 3	Range 3030, 7030
Between 0°C and 21°C	EASILY FLAMMABLE	Ethanol, toluEne	Range 7.60, 2, 5	Range 760+
under 0°C	EXTREMELY FLAMMABLE	AcEtone, ether	Range 7.90	Range 790+
Gas cylinders type B2, B5, B11, B20 and B50			Range 7630BG	Range 7630BG

(1) FP (flash point): the minimum temperature at which, under specified test conditions, a liquid emits sufficient gas to ignite momentarily in the presence of an ignition source.

(2) See the section of the catalogue concerning our safety cabinets for flammable and explosive products.